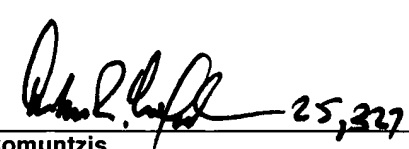


FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>4358-20</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/550207</b>
INTERNATIONAL APPLICATION NO. <b>PCT/CH2004/000172</b>	INTERNATIONAL FILING DATE <b>19 March 2004</b>	PRIORITY DATE CLAIMED <b>21 March 2003</b>
TITLE OF INVENTION <b>MIXING CAPSULE WITH FORCED ACTIVATION</b>		
APPLICANT(S) FOR DO/EO/US <b>SCHMID</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2). a. <input checked="" type="checkbox"/> is attached hereto (19 pages specification, claims & abstract (23 claims), 8 sheets drawings). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3) a. <input checked="" type="checkbox"/> is attached hereto (11 pages specification, claims & abstract (23 claims), 8 sheets drawings). b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3). 9. a. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4). b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5). <b>Items 11 To 20 below concern document(s) or information included:</b> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. a. <input type="checkbox"/> A FIRST preliminary amendment. b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information. International Preliminary Examination Report		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>unknown</b>		INTERNATIONAL APPLICATION NO. <b>PCT/CH2004/000172</b>		ATTORNEY'S DOCKET NUMBER <b>4358-20</b>	
<input checked="" type="checkbox"/> The following fees are submitted:					
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>					
21. <input checked="" type="checkbox"/>	Basic national fee .....			\$300.00 (1631)/\$150.00 (2631)	\$ 300.00
22. <input checked="" type="checkbox"/>	Examination Fee .....			\$0 (1643/2643)	
				\$200.00 (1633)/\$100.00 (2633)	\$ 200.00
23. <input checked="" type="checkbox"/>	Search Fee .....			\$0 (1640/2640)	
				\$100 (1641)/\$50 (2641)	
				\$400 (1642)/\$200 (2642)	
				\$500.00 (1632)/\$250.00 (2632)	\$ 400.00
<b>TOTAL OF ABOVE CALCULATIONS</b>					\$ 900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
19 -100	0	/50 = 0.00		\$250.00 (1681)	\$
				\$125.00 (2681)	
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					
CLAIMS		NUMBER FILED	# EXTRA	RATE	
Total Claims	23	minus 20 =	3 X	\$50.00 (1615)/	\$25.00 (2615)
Independent Claims	2	minus 3 =	0 X	\$200.00 (1614)	\$100.00 (2614)
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$360.00 (1616)/\$180.00 (2616)	\$ 0.00
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b>					
					\$ 1050.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property					
					\$ 40.00
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)					
					\$ 0.00
<b>TOTAL FEES ENCLOSED =</b>					
					\$ 1090.00
					Amount to be refunded: \$
					Amount to be Charged: \$
<p>a. <input type="checkbox"/> A check in the amount of \$1090.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed.</p> <p>d. <input checked="" type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b></p> <p>e. <input checked="" type="checkbox"/> The entire content of International Application No. <b>PCT/CH2004/000172</b> and any U.S. and foreign application(s) corresponding thereto, and CH 471/03, referred to in this application is/are hereby incorporated by reference in this application.</p> <p><b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b></p> <p><b>CORRESPONDENCE ADDRESS</b></p> <p><b>Direct all correspondence to:</b></p> <p><input checked="" type="checkbox"/> <b>Customer Number:</b> <span style="border: 1px solid black; padding: 2px 20px;"><b>23117</b></span></p> <p style="text-align: center; font-size: small;">Type Customer Number here</p>					
<p>Telephone: (703) 816-4000</p> <p>CC:alb</p>					
<p> 25,227</p> <p><b>Chris Comuntzis</b></p> <p>NAME</p>					
<p><b>31,097</b> <b>September 21, 2005</b></p> <p>REGISTRATION NUMBER Date</p>					